WF405ATPA**

Washing Machine
user manual

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imagine the possibilities

Thank you for purchasing this Samsung product.
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1-800-SAMSUNG (726-7864)

ENERGY STAR

SAMSUNG

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key features of your new PowerFoam™ washer

1. Extra Large Capacity

Samsung's extra-large capacity laundry machine can wash a full set of your bedding, a king-size comforter, or up to 28 bath towels in a single load. Since you don't have to do as many loads, you save time, money, water, and energy.

2. PowerFoam™

Samsung's effective PowerForm delivers improved cleanliness with advanced fabric care. PowerFoam allows detergent to disperse evenly and penetrate fabrics faster and deeper.

3. SpeedSpray™

Samsung's new SpeedSpray technology saves you time by shortening wash times while still keeping all portions of the washing process and getting your clothes clean.

SpeedSpray performs in Normal, Bedding PLUS, Deep Steam, Stain Away and Eco Cold cycle and the saving time may vary by cycles and various load and option compositions.

4. Smart Care

Samsung's Smart Care, an automatic error-monitoring system, detects and diagnoses problems at an early stage and provides quick and easy solutions.

5. VRT™ (Vibration Reduction Technology)

This Samsung washer performs smoothly at top spin speeds, minimizing noise and vibration.

6. Pure Cycle™ (Tub Cleaning cycle)

Clean your drum with one button! Pure Cycle is specially designed to remove detergent residue and dirt buildup in the tub, diaphragm, and on the door glass without the need for special chemical detergents.

7. Deep steam

The Deep Steam feature boosts cleaning performance and loosens grime and dirt, providing superior cleaning results.

8. Diamond drum™

Takes gentle care of your fabrics. With inside holes 36 % smaller than those of conventional drums,the diamond drum prevents fabrics from sticking out through the holes and consequently being damaged.

9. Woolmark Certified

The machine wash wool cycle on Samsung machines has been tested and has passed the required Woolmark Company specification for machine washable wool products. Fabrics should be washed according to the instructions on the garment label as specified by Woolmark and Samsung.

10. Digital display & Center jog dial

The jog dial enables you to select cycles in both directions with ease, and the display is easy to use and understand.

11. DD Motor

The power to handle anything! Our direct-drive inverter motor delivers power right to the washer tub from a variable speed, reversible motor. A beltless direct-drive motor generates a higher spin speed of 1200 rpm for more effective, quiet operation. The washer also has fewer moving parts, meaning fewer repairs.

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12.Sanitize

When you select the NSF certified Sanitize cycle, the water heats to an extra high temperature and removes 99.9 % of certain bacteria typically found on clothing, bedding, or towels. This certification is awarded by NSF International, an independent third-party testing and certification organization.

Please check the garment care label to avoid garment damage. Only sanitizing cycles have been designed to meet the requirements of this protocol for sanitization efficacy.

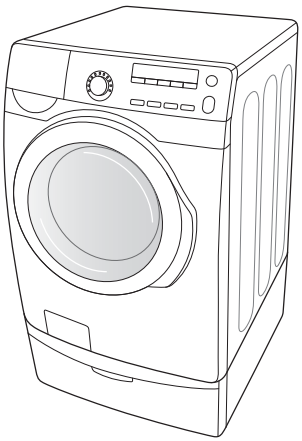
NSF Protocol P172
Sanitization Performance of Residential and Commercial, Family-Sized Clothes Washers

13.Pedestal with Storage Drawers (Model No : WE357*)

An optional 15” pedestal is available to raise the washer for easier loading and unloading. It also offers a built-in storage drawer that can hold a 100 oz. bottle of detergent

14.Stacking (Model No : SK-3A1/XAA, SK-4A/XAA, SK-5A/XAA)

Samsung washers and dryers can be stacked to maximize usable space. An optional stacking kit is available for purchase from your Samsung retailer.



<Pedestal with Storage Drawers>

<Stacking>

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safety information

Congratulations on your new Samsung washer. This manual contains important information on the installation, use, and care of your appliance. Please take time to read this manual to take full advantage of your washer's many benefits and features.

WHAT YOU NEED TO KNOW ABOUT SAFETY INSTRUCTIONS

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your washer.

IMPORTANT SAFETY SYMBOLS AND PRECAUTIONS

What the icons and signs in this user manual mean:

⚠ **WARNING**	Hazards or unsafe practices that may result in **severe personal injury or death**. To reduce the risk of fire, explosion, electric shock, or personal injury when using your washer, follow these basic safety precautions:
⚠ **CAUTION**	Hazards or unsafe practices that may result in **minor personal injury or property damage**.

	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions explicitly.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the service center for help.
	Note

These warning signs are here to prevent injury to you and others.
Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

Read all instructions before using the appliance.

SAVE THESE INSTRUCTIONS

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WARNING: To reduce the risk of fire, electric shock, or injury to persons when using your appliance, follow basic precautions, including the following:

1. Read all instructions before using the appliance.
2. Do not wash or dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable or explosive substances as they give off vapors that could ignite or explode.
3. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
4. Before the appliance is removed from service or discarded, remove the door to the washing or drying compartment.
5. Do not reach into the appliance if the drum is moving.
6. Do not install or store this appliance where it will be exposed to the weather.
7. Do not tamper with controls.
8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
9. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
10. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using a washer or combination washer-dryer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.

State of California Proposition 65 Warnings:

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the State of California to cause cancer, birth defects, or other reproductive harm, and requires businesses to warn of potential exposure to such substances.
This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. This appliance can cause low-level exposure to some of the substances listed, including benzene, formaldehyde, and carbon monoxide.

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WARNING SEVERE WARNING SIGNS FOR INSTALLATION

Plug the power cord into an AC 120 V / 60 Hz / 15 A wall socket or higher and use the socket for this appliance only. In addition, do not use an extension cord.

- Sharing a wall socket with other appliances using a power strip or extending the power cord may result in electric shock or fire.
- Do not use an electric transformer. It may result in electric shock or fire.
- Ensure that the power voltage, frequency and current are the same as those of the product specifications. Failing to do so may result in electric shock or fire.

The installation of this appliance must be performed by a qualified technician or service company.

- Failing to do so may result in electric shock, fire, an explosion, problems with the product, or injury.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

- Unplug the power plug and clean it with a dry cloth.
- Failing to do so may result in electric shock or fire.

Plug the power plug into the wall socket in the right direction so that the cord runs towards the floor.

- If you plug the power plug into the socket in the opposite direction, the electric wires within the cable may be damaged and this may result in electric shock or fire.

This appliance must be properly grounded.
Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- This may result in electric shock, fire, an explosion, or problems with the product
- Never plug the power cord into a socket that is not grounded correctly and make sure that it is in accordance with local and national codes.

Do not install this appliance near a heater or inflammable material.
Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops).
Do not install this appliance in a location where gas may leak.

- This may result in electric shock or fire.

Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord or loose wall socket.

- This may result in electric shock or fire.

Do not pull or excessively bend the power cord.
Do not twist or tie the power cord.
Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.

- This may result in electric shock or fire.

Do not pull the power cord when unplugging the power plug.

- Unplug the power plug by holding the plug.
- Failing to do so may result in electric shock or fire.

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When the power plug or power cord is damaged, contact your nearest service center.

CAUTION CAUTION SIGNS FOR INSTALLATION

This appliance should be positioned in such a way that it is accessible to the power plug.
- Failing to do so may result in electric shock or fire due to electric leakage.

Install your appliance on a level and hard floor that can support its weight.
- Failing to do so may result in abnormal vibrations, noise, or problems with the product.

Unplug the power plug when the appliance is not being used for long periods of time or during a thunder/lightning storm.
- Failing to do so may result in electric shock or fire.

WARNING SEVERE WARNING SIGNS FOR USING

If the appliance is flooded, cut the power immediately and contact your nearest service center.
If the appliance generates a strange noise, a burning smell or smoke, unplug the power plug immediately and contact your nearest service center.
- Failing to do so may result in electric shock or fire.

In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power plug. Do not touch the appliance or power cord.
- Do not use a ventilating fan.
- A spark may result in an explosion or fire.

Do not wash items contaminated with gasoline, kerosene, benzene, paint thinner, alcohol or other flammable or explosive substances.
- This may result in electric shock, fire or an explosion.

Do not open the washer door by force while it is operating (high-temperature washing/ drying/spinning).
- Water flowing out of the washer may result in burns or cause the floor to be slippery. This may result in injury.
- Opening the door by force may result in damage to the product or injury.

Make sure to remove the packaging (sponge, styrofoam) attached to the bottom of the washer before using it.

Do not insert your hand under the washer.
- This may result in injury.

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safety information

Do not touch the power plug with wet hands.
- This may result in electric shock.

Do not turn the appliance off by unplugging the power plug while an operation is in progress.
- Plugging the power plug into the wall socket again may cause a spark and result in electric shock or fire.

Keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.
- If a child places a bag over its head, it may result in suffocation.

Do not let children or infirm persons use this washer unsupervised.
- Failing to do so may result in electric shock, burns or injury.

Do not insert your hand or a metal object under the washer while it is operating.
- This may result in injury.

Make sure the detergent drawer is closed before you put laundry into the washer or remove laundry from the washer.
- If the detergent drawer is open, you could strike the drawer with your head and injure yourself.

Do not attempt to repair, disassemble, or modify the appliance yourself.
- Do not use any fuse(such as cooper, steel wire, etc.) other than the standard fuse.
- When repairing or reinstalling the appliance is required, contact your nearest service center.
- Failing to do so may result in electric shock, fire, problems with the product, or injury.

If any foreign substance such as water has entered the appliance, unplug the power plug and contact your nearest service center.
- Failing to do so may result in electric shock or fire.

When the water supply hose comes loose from the faucet and floods the appliance, unplug the power plug.
- Failing to do so may result in electric shock or fire.

If any foreign substance enters the appliance, unplug the power plug and contact you nearest service center.
- Failing to do so my result in electric shock or fire.

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CAUTION SIGNS FOR USING

When the washer is contaminated by a foreign substance such as detergent, dirt, food waste, etc., unplug the power plug and clean the washer using a damp and soft cloth.
- Failing to do so may result in discoloration, deformation, damage or rust.

The front glass may be broken by a strong impact. Take care when using the washer.
- When the glass is broken, it may result in injury.

After a water supply failure or when reconnecting the water supply hose, open the faucet slowly.
Open the faucet slowly after a long period of non-use.
- The air pressure in the water supply hose or the water pipe may result in damage to a part or in water leakage.

If a drain error occurs during an operation, check if there is a draining problem.
- If the washer is used when it is flooded because of a draining problem, it may result in electric shock or fire due to electric leakage.

Insert the laundry into the washer completely so that laundry does not get caught in the door.
- If laundry gets caught in the door, it may result in damage to the laundry or the washer, or result in water leakage.

Ensure that the faucet is turned off when the washer is not being used.
- Ensure that the screw on the water supply hose connector is properly tightened.
- Failing to do so may result in property damage or injury.

Take care that the Rubber Seal and the Front Door Glass are not contaminated by a foreign substance (e.g. waste, thread, hair, etc.)
- If a foreign substance is caught in the door or the door is not completely closed, it may cause a water leakage.

Open the faucet and check if the water supply hose connector is firmly tightened and that there is no water leaking before using the product.
- If the screws or the water supply hose connector are loose, it may result in water leakage.

The product you have purchased is designed for domestic use only.
The use for business purposes qualifi es as product misuse. In this case, the product will not be covered by the standard warranty provided by Samsung and no responsibility can be attributed to Samsung for malfunctions or damages resulting from such misuse.

If the wash is not started and the laundry is left for a period of time after you have added detergent or applied stain remover or pre-treatment onto the laundry, the laundry may be discolored.

Select the recommended cycle and temperature on the basis of the laundry items, sort the laundry by color on the basis of its colorfastness and select the appropriate cycle.

Make sure that foreign objects such as pins, buttons and coins are removed from clothing items when adding laundry to the washer. Wash dirty laundry separately from relatively clean items and wash fragile items separately from tougher textiles.

If an item is stained, wash it as soon as possible. Use stain remover or detergent only after testing the colorfastness of the item by applying a small quantity to an inside seam.

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Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.
- This may result in electric shock, fire, problems with the product, or injury.

Do not operate the appliance with wet hands.
- This may result in electric shock.

Do not spray volatile material such as insecticide onto the surface of the appliance.
- As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.

Do not place an object that generates a electromagnetic field near the washer.
- This may result in injury due to a malfunction.

Since the water drained during a high-temperature wash or drying cycle is hot, do not touch the water.
- This may result in burns or injury.

Do not wash, spin or dry water-proof seats, mats or clothing (*).
- Do not wash thick, hard mats even if the washer mark is on the care label.
- This may result in injury or damage to the washer, walls, floor or clothing due to abnormal vibrations.

* Woolen Bedding PLUS, rain covers, fishing vests, ski pants, sleeping bags, diaper covers, sweat suits, and bicycle, motor cycle, car covers, etc.

Do not operate the washer when the detergent box is removed.
- This may result in electric shock or injury due to water leakage.

Do not touch the inside of the tub during or just after drying as it is hot.
- This may result in burns.

Do not insert your hand into the detergent dispenser after opening it.
- This may result in injury as your hand may be caught.

Do not place any objects (such as shoes, food waste, animals) other than laundry into the washer.
- This may result in damage to the washer, or injury and death in the case of pets due to the abnormal vibrations.

Do not press the buttons using sharp objects such as pins, knifes, fingernails, etc.
- This may result in electric shock or injury.

Do not wash laundry contaminated by oils, creams or lotions usually found in skincare shops or massage clinics.
- This may result in the rubber seal becoming deformed and water leakage.

Do not leave metal objects such as a safety pin or hair pin, or bleach in the tub for long periods of time.
- This may cause the tub to rust.
- If rust starts appearing on the surface of the tub, apply a cleansing agent (neutral) to the surface and use a sponge to clean it. Never use a metal brush.

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Do not use dry cleaning detergent directly and do not wash, rinse, or spin laundry contaminated by dry cleaning detergent.

- This may result in spontaneous combustion or ignition due to the heat of the oxidation of the oil.

Do not use hot water from water cooling/heating devices.

- This may result in problems with the washer.

Do not use natural hand-washing soap for the washer.

- If it hardens and accumulates inside the washer, it may result in problems with the product, discoloration, rust or bad odors.

Do not wash large laundry items such as Bedding PLUS in the washing net.

- Failing to do so may result in injury due to abnormal vibrations.
- Place smaller items, such as lace socks and lingerie in the washing net.

Do not use hardened detergent.

- If it accumulates inside the washer, it may result in water leakage.

Do not wash throw rugs or doormats.

- If you wash throw rugs or doormats, the sand will accumulate inside the washer. It may result in error such as no draining.

Take care that children's fingers are not caught in the door when closing it. This may result in injury.

WARNING SEVERE WARNING SIGNS FOR CLEANING

Do not clean the appliance by spraying water directly onto it.
Do not use benzene, thinner or alcohol to clean the appliance.

- This may result in discoloration, deformation, damage, electric shock or fire.

Before cleaning or performing maintenance, unplug the appliance from the wall socket.

- Failing to do so may result in electric shock or fire.

SAVE THESE INSTRUCTIONS

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installing your washer

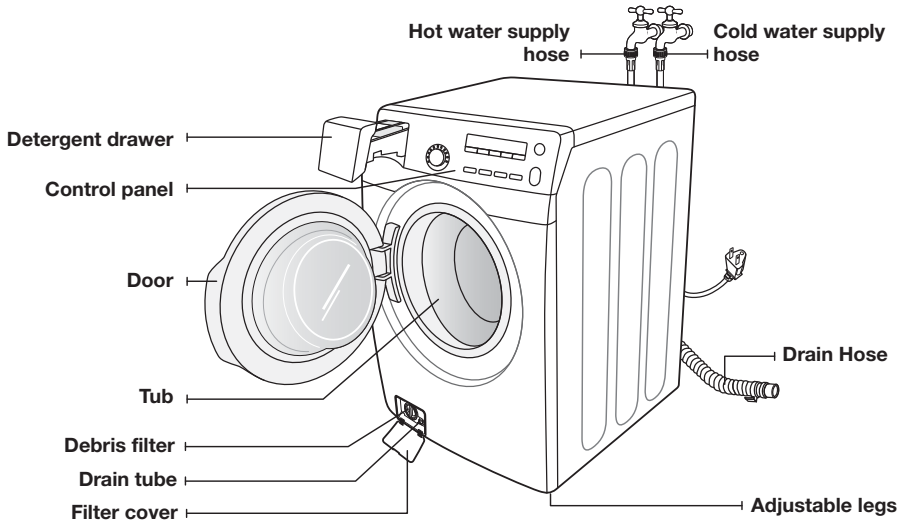
UNPACKING YOUR WASHER

Unpack your washer and inspect it for shipping damage. Make sure you have received all the items shown below. If your washer was damaged during shipping, or you do not have all of the items, contact 1-800-SAMSUNG (726-7864).

To prevent personal injury or strain, wear protective gloves whenever lifting or carrying the unit.

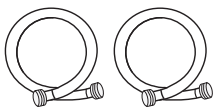
WARNING Packing materials can be dangerous to children. Keep all packing material (plastic bags, polystyrene, etc.) well out of the reach of children.

OVERVIEW OF YOUR WASHER



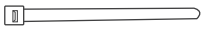
Wrench

Bolt Hole Covers



Water Supply Hoses

Hose Guide



Plastic Zip Hose Tie

* Bolt hole covers : The number of bolt hole covers depends on the model (3~6 covers).

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installing your washer

BASIC LOCATION REQUIREMENTS

Electrical

- 120 Volt 60 Hz 15 AMP fuse or circuit breaker
- Individual branch circuit serving only your washer is recommended.
- Your washer is equipped with a power cord.

CAUTION NEVER USE AN EXTENSION CORD.

Grounding

ELECTRICAL GROUNDING IS REQUIRED FOR THIS APPLIANCE.

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current.

This appliance is equipped with a power cord having a three-prong grounding plug for use in a properly installed and grounded three-prong outlet.

The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING An improperly connected equipment-grounding conductor can increase the risk of electrical shock. Check with a qualified electrician or serviceman if you are not sure whether the appliance is properly grounded. Do not modify the plug provided with the appliance – if it does not fit the outlet, have a proper outlet installed by a qualified electrician.

IMPORTANT SAFETY PRECAUTIONS

- To prevent unnecessary risk of fire, electrical shock or personal injury, all wiring and grounding must be done in accordance with the National Electrical Code ANSI/FNPA, No. 70 Latest Revision and local codes and ordinances. It is the personal responsibility of the appliance owner to provide adequate electrical service for this appliance.

CAUTION NEVER CONNECT THE GROUND WIRE TO PLASTIC PLUMBING LINES, GAS LINES, OR HOT WATER PIPES.

Water

Using bad quality water may cause the water supply valve to operate abnormally.

To correctly fill your washer in the proper amount of time, water pressure of 20-116 psi (137-800 kPa) is required.

Water pressure less than 20 psi may cause water valve failure, may not allow the water valve to shut off completely, or may extend the fill time beyond what your washer controls allow, causing your washer to turn off. A time limit is built into the controls to prevent extensive flooding in your home if an internal hose becomes loose.

The water faucets must be within 4 feet / 122 cm of the back of your washer to match the inlet hoses provided with your washer.

Accessory inlet hoses are available in various lengths up to 10 feet/305 cm for faucets that are further away from the back of your washer.

To avoid the possibility of water damage:

- Have water faucets easily accessible
- Turn off faucets when the washer is not in use.
- Periodically check that there is no leakage from the water inlet hose fittings.

WARNING CHECK ALL CONNECTIONS AT THE WATER VALVE AND FAUCET FOR LEAKS.

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Drain facility

The recommended height of the standpipe is 18 in/46 cm. The drain hose must be routed through the drain hose clip to the standpipe. The standpipe must be large enough to accept the outside diameter of the drain hose. The drain hose is attached at the factory.

Flooring

For best performance, you must install your washer on a solidly constructed floor. Wood floors may need to be reinforced to minimize vibration and/or unbalanced load situations. Carpeting and soft tile surfaces are contributing factors to vibration which can cause your washer to move slightly during the spin cycle.

Never install your washer on a platform or weakly supported structure.

Location considerations

Do not install your washer in areas where water may freeze, since your washer will always retain some water in its water valve, pump, and hose areas. Freezing water can damage the belts,the pump, hoses and other components.

Alcove or closet installation

MINIMUM CLEARANCES FOR CLOSET AND ALCOVE INSTALLATIONS:

Sides – 1 in / 25 mm

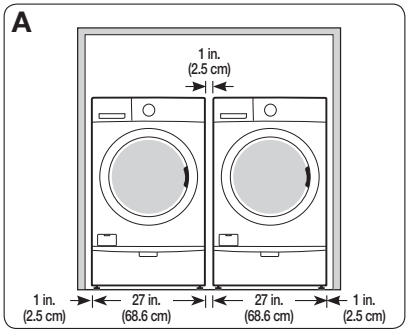
Top – 17 in / 432 mm

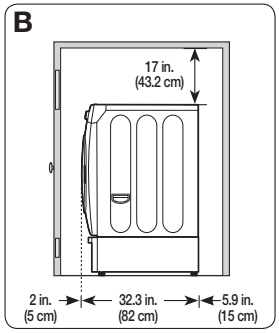
Rear – 5.9 in / 150 mm

Closet Front – 2 in / 51 mm

If the washer and dryer are installed together, the closet front must have at least a 72 in^2 (465 cm^2) unobstructed air opening. Your washer alone does not require a specific air opening.

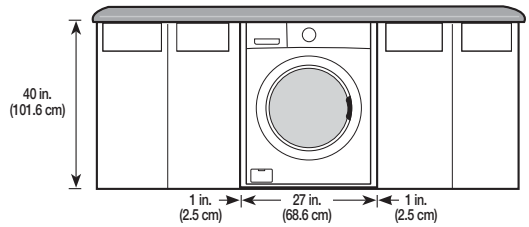
A. Recessed area





B. Side view - closet or confined area

Undercounter installation (washer only)



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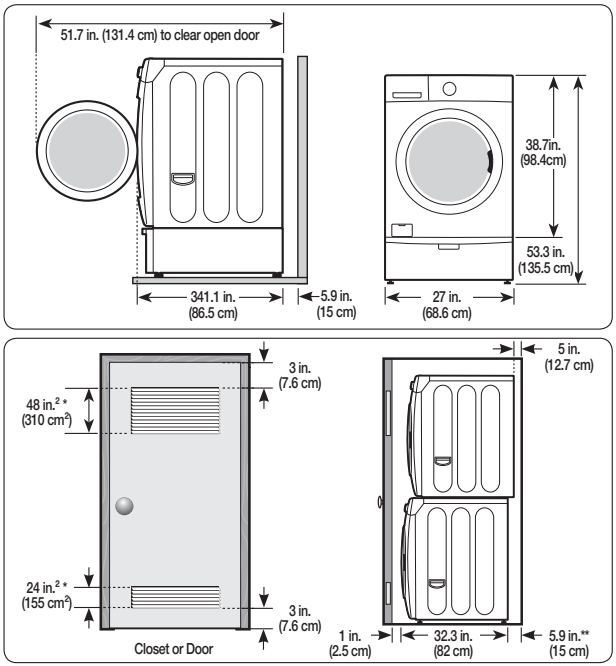
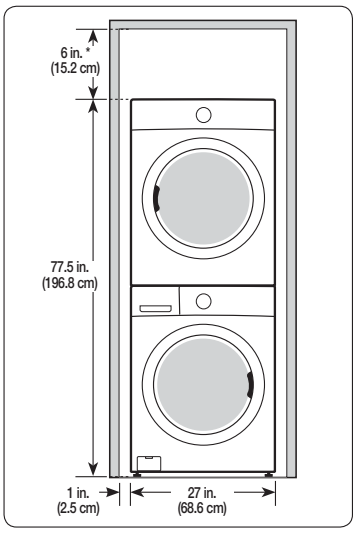
installing your washer

With optional pedestal base or stacking kit

Required Dimensions for Installation With Pedestal


51.7 in. (131.4 cm) to clear open door
38.7in. (98.4cm)
53.3 in. (135.5 cm)
341.1 in. (86.5 cm)
5.9 in. (15 cm)
27 in. (68.6 cm)
3 in. (7.6 cm)
48 in.² * (310 cm²)
24 in.² * (155 cm²)
3 in. (7.6 cm)
Closet or Door
5 in. (12.7 cm)
1 in. (2.5 cm)
32.3 in. (82 cm)
5.9 in.** (15 cm)

Required Dimensions for Installation With Stacking Kit



*** Required spacing**

**** External exhaust elbow requires additional space.**

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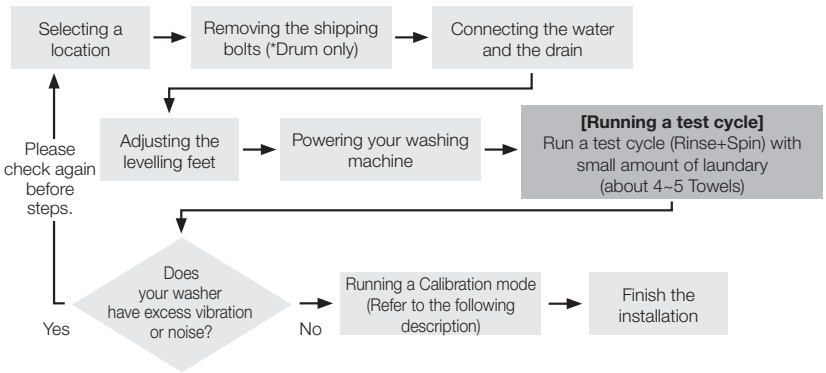
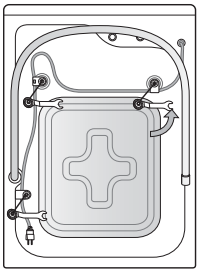
IMPORTANT NOTE TO INSTALLER

Please read the following instructions carefully before installing the washer.
These instructions should be retained for future reference.
We recommend you hire a professional to install this washer.

Installation flow chart


Selecting a location
Removing the shipping bolts (*Drum only)
Connecting the water and the drain
Please check again before steps.
Adjusting the levelling feet
Powering your washing machine
[Running a test cycle]
Run a test cycle (Rinse+Spin) with small amount of laundary (about 4~5 Towels)
Does your washer have excess vibration or noise?
Yes
No
Running a Calibration mode (Refer to the following description)
Finish the installation

STEP 1
Removing the Shipping Bolts



Before using your washer, you must remove all shipping bolts from the back of the unit.

1. Loosen all the bolts with the supplied wrench.
2. Slide the bolt and spacer up and remove the bolt with the spacer through the hole in the rear wall of your washer. Repeat for each bolt.
3. Cover the holes with the supplied Bolt Hole Covers (See page 13).
4. Keep the shipping bolts and spacers for future use.

STEP 2
Selecting a Location

Before you install your washer, make sure the location:

- Has a hard, level surface
- Is away from direct sunlight
- Has adequate ventilation
- Will not freeze (tempuratures are never below 32 °F or 0 °C).
- Is away from heat sources such as oil or gas
- Has enough room for the power cord.
- Doesn't have any carpeting that will obstruct ventilation openings.

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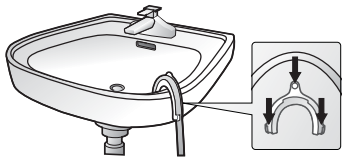
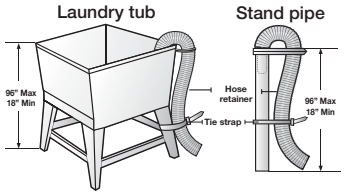
STEP 3

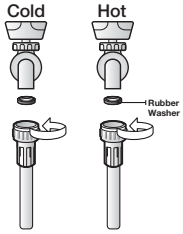
Installing your Washer





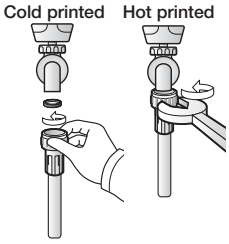
1. If you use a stand pipe, make sure the connection between the drain hose and the standpipe is NOT airtight. The standpipe must be at least 18 in or 46 cm high.

You must always exercise caution to avoid collapsing or damaging the drain hose. For best results, the drain hose should not be restricted in any way – by elbows, couplings, or excessive length. For situations where the drain hose cannot be conveniently elevated to at least 18 in or 46 cm, the drain hose must be supported.
Do not insert the drain hose too far into the stand pipe: 6 - 8 inches, and no more.



2. Check the inlet hose to ensure a washer is inside each fill hose. Thread the inlet hoses to the HOT and COLD faucet connections. On the other end of the hose, check for one rubber washer per hose and attach each fill hose to the water valve. Make sure the hose with Hot printed on it is attached to the HOT faucet. Tighten by hand until snug, then two-thirds of a turn with pliers.

For correct water use, connect both HOT and COLD water valves. If either or both are not connected, an “nF” (no fill) error can occur.



3. Turn on the “HOT” and “COLD “water supply and check the water valve and the water supply connections for leaks.

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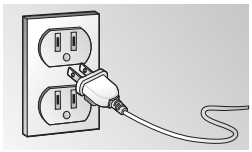
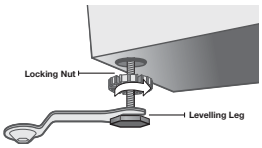
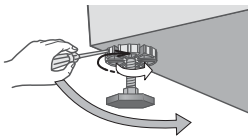
4. Slide your washer into position.
5. Level your washer by turning the leveling legs in or out as necessary by hand or by using the wrench included with your washer.
   When your washer is level, tighten the locking nuts using the wrench or (-) flathead screwdriver.
6. Plug the power cord into a 3-Prong, well grounded 120 volt 60 Hz approved electrical outlet protected by a 15-amp fuse or comparable circuit breaker.
   Your washer is grounded through the third prong of the power cord when plugged into a three-prong grounded receptacle.

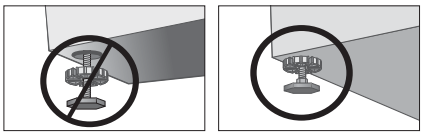




Your washer must be leveled on all four sides. A carpenter's level should be used on all four corners of your washer. We recommend you recheck your washer after a dozen or so washes to make sure it's sitll level.



Avoid damage to the legs. Do not move the washer unless the Locking-nuts are fastened to the bottom of the washer.



STEP 4
Calibration mode

Your Samsung washing machine automatically detects the weight of the laundry.
For more accurate weight detection, please run Calibration Mode after the installation.
To run Calibration Mode, follow these steps:

1. Turn on the washer.
2. Press the **Temp** button and **Delay Start** button simultaneously for at least 3 seconds.
3. Remove any contents in the tub and close the door.
4. Press the **Start/Pause** button.
5. The drum rotates clockwise and counterclockwise for approximately 3 minutes.
6. When Calibration Mode is finished, the "En/End" appears on the display and the washing machine turns off automatically. The washing machine is now ready for use.

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operating instructions

WARNING To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.

LOADING YOUR WASHER

- You can fill the tub with dry, unfolded clothes, but DO NOT OVERLOAD the tub. No more than 3/4 full.
- Overloading may reduce washing efficiency, cause excess wear, and possibly cause creasing or wrinkling of the load.
- Wash delicate items such as bras, hosiery, and other lingerie in the Delicates cycle with similar lightweight items.
- When washing big bulky items or a few smaller items that don't fill the tub completely – a rug, a pillow, stuffed toys, or one or two sweaters, for example – add a few towels to improve tumbling and spin performance.

During the spin cycle, the washer may add additional water to redistribute the clothes and correct an inbalance inside the drum.

- To ensure good cleaning result when washing heavily soiled loads, do not overload your washer.
- When the "Garment+" light is ON (see page 24), you can add or remove laundry items during a wash.
  1. Press the **Start/Pause** Button.
  2. Wait for the Door Lock light to go out (5 seconds).
  3. Add the item, close the door, and press the **Start/Pause** Button.
     After a 10-second pause, the cycle will resume.

To ensure thorough cleaning, add items within five minutes of starting the wash cycle.

WASHING CLOTHES: BASIC INSTRUCTIONS

1. Press the **Power** button, open the door, and then load the washer.
2. Close the door.

CAUTION Push the laundry into the drum completely to prevent the laundry from being caught in the door or from falling out of the drum.

3. Add detergent and additives to the dispenser (see pages 27~28).
4. Select the appropriate cycle and options for the load (see pages 21~23 and 26).
5. Press the **Start/Pause** Button.

The drum automatically rotates and measures the weight of the laundry without supplying water in order to adjust the wash time. (The rotating display on the display panel indicates that the weight of the laundry is being measured.)

6. The Wash Indicator light will illuminate.
7. The estimated cycle time will appear in the display.
   The time may fluctuate to indicate the time remaining in the cycle better.

The actual time required for a cycle may differ from the estimated time in the display depending on the water pressure, water temperature, detergent, and laundry.

8. Before your washer starts to fill, it will make a series of clicking noises to check the door lock and do a quick drain.

- When the cycle is complete, the Door Lock light will go out and "End" will appear in the display.
- DO NOT attempt to open the door until the Door Lock light is off. To add a forgotten item, see the "Loading your Washer" section above.
- When your washer is restarted after a pause, expect a delay of up to 15 seconds before the cycle continues.
- Pressing the **Power** button cancels the cycle and stops your washer.
- The Pre Wash, Wash, Rinse, and Spin indicator lights will illuminate during those portions of the cycle.

WARNING Do not place anything on top of your washer while it is running.

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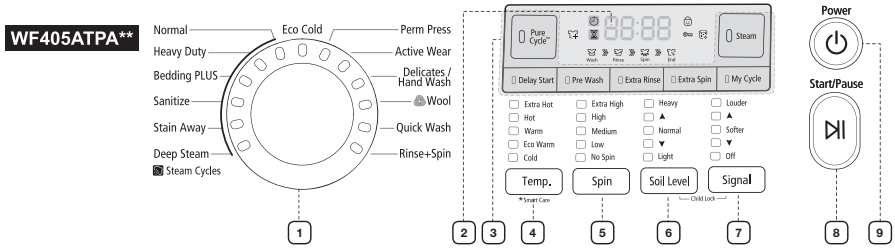
washing a load of laundry

OVERVIEW OF THE CONTROL PANEL



1 Cycle Selector	Select the appropriate cycle for the type of load. This will determine the tumble pattern and spin speed for the cycle. To minimize wrinkling of laundry, select the Perm Press cycle. **Eco Cold** - Provides useful, gentle, and energy saving daily care for normally and lightly soiled laundry using only cold water. This cylce cleans as effectively as the warm wash setting on the **Conventional Normal*** cycle under Normal and Light Soil level options. (Cleaning performance of Eco Cold cycle may not be equal to conventional Normal cycle under the heavy soil level option) For best result, we recommend using for loads of 8 pounds or less. *** Conventional Normal cycle -** Normal cycle on previous and existing Samsung front loading washers released until 2009 without PowerFoam. **Normal** - For most fabrics including cottons, linens, and normally soiled garments. **Heavy Duty** - For sturdy, colorfast fabrics and heavily soiled garments. **Bedding PLUS** - For bulky items such as blankets, comforters and sheets. When you are washing bulky items, use liquid detergent **Sanitize** - For heavily soiled, colorfast garments. This cycle heats the water to 150 °F to eliminate bacteria. If you select pause during the heating portion of the Sanitize Cycle, your Washer door will remain locked for your safety. **Stain Away** - For stained clothes. The Stain Away cycle provides outstanding stain removal performance, with the utmost gentle care, avoiding the need for pre-treatment of stains. For best stain removal performance, we recommend using the hot temperature option in this cycle, in which the wash temperature is increased using the internal heater, for overall cleaning of a wide variety of stains. **Deep Steam** - For heavily soiled, colorfast garments, this cycle provides a high washing temperature and steam and is effective for cleaning stains. **Perm Press** - For wash-and-wear, synthetic fabrics, and lightly to normally soiled garments. **Active Wear** - Use this cycle to wash exercise wear such as sports jerseys, training pants, shirts/tops and other performance clothing. This cycle provides effective soil removal with gentle action for special fabric care. **Delicates/Hand Wash** - For sheer fabrics, bras, lingerie silk, and other handwash-only fabrics. For best results, use liquid detergent.

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washing a load of laundry

	Wool - For machine-washable wool. Loads should be under 8 pounds. For best results, we recommend a load of 4.4 pounds or less. • The Wool cycle washes laundry by moving the wash drum horizontally to maintain the characteristics of the wool fibers and to prevent damage to the cloth. It then stops for a while to allow the laundry to soak in the water. This pause in the operation of the Wool cycle is normal. • We recommend you use a neutral detergent to prevent damage to the cloth and to improve the washing results. WOOLMARK APPAREL CARE The wool wash cycle of this machine has been approved by Woolmark for the washing of machine washable Woolmark products, provided that the products are washed according to the instructions on the garment label and those issued by the manufacturer of this washing machine, M1208. **Quick Wash** - For lightly soiled garments needed quickly. **Rinse + Spin** - Use for loads that need rinsing only or to add rinse-added fabric softener to a load.
2 **Digital display**	The large Digital Display is easy to use. It provides instructions and diagnostics while keeping you updated on the cycle status and time remaining.
3 **Select Cycle Option**	Press these buttons to select different cycle options. **Pure Cycle™** - Use to clean dirt and bacteria from the drum. Regular use (after every 40 washes) is recommended. No detergent or bleach is needed (see page 32). **Steam** - Press this button to use the Steam Wash function. Steam Wash is available with the Normal, Heavy Duty, Bedding PLUS, Sanitize, Stain Away and Deep Steam cycles. For heavily soiled, colorfast garments, Steam Wash improves stain treatment and uses less water (See page 26). The steam may not be visible during the Steam cycle, and may also not always be visible while the total steam cycle is being performed. **Delay Start** - Any cycle can be delayed for up to 24 hours in one-hour increments. Displayed hour indicates the time at which the wash will be started. (See page 24). **Pre Wash** - To use this feature, add detergent to the pre wash section of the detergent compartment. When turned on, the washer fills with cold water and detergent, tumbles, then drains and advances to the selected wash cycle. Some cycles cannot be selected with this option (See page 27~28). You cannot select the prewash option in the Wool, Quick Wash, Delicates/Handwash and Rinse+Spin cycles. **Extra Rinse** - Add an additional rinse at the end of the cycle to remove laundry additives and perfumes more thoroughly. **Extra Spin** - Add additional time to remove more water from loads. **My Cycle** - Choose your favorite cycle including temperature, spin, soil level, options, etc. (see page 25)
4 **Temperature selection button**	Press the button repeatedly to cycle through the different water temperature options. **Extra Hot** - Heavily soiled, colorfast items. **Hot** - Whites and heavily soiled, colorfast items. **Warm** - Colorfast items. When you select warm rinse, only the final rinse will be warm. The other rinses will be cold to conserve energy. **Eco Warm** - Moderately soiled, colorfast items, most wrinkle-free items. **Cold** - Brightly colored, very lightly soiled items.

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5 **Spin selection button**	Press the button repeatedly to cycle through the different spin speed options. **Extra High** - Removes more water from loads during spin. To minimize wrinkling of wrinkle-free and no-iron fabrics, DO NOT use the Extra High spin option for these loads, nor overload your washer. **High** - Use for underwear, t-shirts, jeans, and sturdy cottons. **Medium** - Use for jeans, wrinkle-free, or wash-and-wear items and synthetics. **Low** - Use for delicate items needing a slow spin speed. **No Spin** - Drains your washer without spinning. Use for extremely delicate items that cannot tolerate any spin.
6 **Soil selection button**	Press the button to select the soil level/washing time. (Light → ▼ → Normal → ▲ → Heavy) **Heavy** - For heavily soiled loads. ▲ **Normal** - For moderately soiled loads. This setting is best for most loads. ▼ **Light** - For lightly soiled loads.
7 **Signal selection button**	Press the button to select the signal level. (Off → ▼ → Softer → ▲ → Louder)
8 **Start/Pause selection button**	Press to pause and restart programs.
9 **Power button**	Press once to turn your washer on, press again to turn your washer off. If the washer is left on for more than 10 minutes without any buttons being touched, the power automatically turns off.

Child Lock

Child Lock prevents children from playing with your washer.

Once you have activated the Child Lock function, the control panel cannot be activated, preventing children from playing with the washer.

Activating the Child Lock function

Press and hold both the **Soil Level** and **Signal** buttons simultaneously for approximately 3 seconds.

- When you activate the Child Lock function, the door locks and the “Child Lock” lamp illuminates.
- If you press the **Start/Pause** button after you have activated the Child Lock function , none of the buttons will work except for the **Power** button.
- If you press a button when the buttons are locked, the “Child Lock” lamp blinks.

Pausing the Child Lock function

When the door is locked or the buttons are locked by the Child Lock function, you can pause the Child Lock operation for 1 minute by pressing and holding both the **Soil Level** and **Signal** buttons simultaneously for approximately 3 seconds.

- If you pause the Child Lock mode temporarily, the door lock is released for 1 minute for user convenience. During this period, the “Child Lock” lamp blinks.
- If you open the door after the minute is over, an alarm sounds for up to 2 minutes.
- If you close the door within the 2 minutes, the door is locked and the Child Lock function is reactivated. If you close the door after the 2 minutes, the door is not locked automatically and no alarm sounds.

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Deactivating the Child Lock function

Press and hold both the **Spin** and **Soil Level** buttons simultaneously for approximately 6 seconds.

- When you deactivate the Child Lock function, the door is unlocked and the "Child Lock" is turned off.

WARNING
- The Child Lock function prevents children or the infirm from accidently operating the washer and injuring themselves.
- If a child enters the washing machine, the child may become trapped and suffocate.
- Once you have activated the Child Lock function, it continues working even if the power is turned off.
- Opening the door by force can result in injury due to damage to the product.

CAUTION To add laundry after you have activated the Child Lock function, you must first pause or deactivate the Child Lock function.

If you want to open the door of the washing machine when the Child Lock function is activated:

- Pause or deactivate the Child Lock function.
- Turn the washing machine off and then on again.

Garment+

You can add or take out laundry items even after the wash has started, as long as the **"Garment+"** light is on. Pushing the **Start/Pause** button unlocks the door, unless the water is too hot or if there is too much water in your washer. If you are able to unlock the door and wish to continue the wash cycle, close the door, and then press the **Start/Pause** button.

Delay Start

You can set the washing machine to start your wash automatically at a later time, choosing a delay time. The hour displayed indicates the time at which the wash will be started.

1. Set your wash course.
2. Press the **Delay Start** button repeatedly until the delay time is set.
3. Press the **Start/Pause** button. The "Delay Start" indicator will be lit, and the clock will begin counting down until it reaches the set time.
4. To cancel a Delay Start function, press the **Power** button and then turn the washing machine on again.

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My Cycle

Allows you to activate your custom wash (temperature, spin, soil level, etc.) with one–button convenience. By pushing the **My Cycle** button, you activate the settings used during the **My Cycle** mode. The **"My Cycle"** light goes on, indicating activation. You can select all options as follows in **"My Cycle"** mode.

1. Press the **My Cycle** button on the Control Panel.
2. Select the cycle using the **Cycle Selector** dial.
3. After cycle selection, set each option.

See page 37 for available option settings with each cycle.

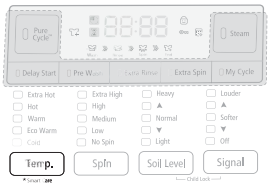
4. Start **"My Cycle"** by pushing the **Start/Pause** button in **"My Cycle"** mode.
   The washer will display the cycle and options you selected the next time you choose **"My Cycle"**.

You can change the **"My Cycle"** settings by repeating the process above.
The washer displays the last settings used the next time you choose **"My Cycle"**.

To program "My Cycle" settings into your washer, the washer needs to complete an entire wash cycle. If for any reason the wash cycle is interrupted and the washer does not finish the cycle, it will not program in the settings for later use.

Smart Care

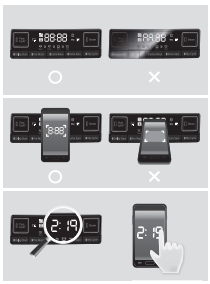
This function enables you to check the status of the washing machine using a smartphone.



1. Press and hold the **Smart Care** button for 3 seconds to use the Smart Care function when an error occurs or if you do not press any buttons since you turn on the washer.
   - The error code history is deleted after using the function.
2. If the Smart Care function is activated, the LED on the window display rotates for 2 or 3 seconds and then the Smart Care indicator is lit on the display.
3. Run the Smart Care app on your smart phone.
   - The Smart Care function is optimized with Galaxy S, Galaxy S2, iPhone 4 and iPhone 4S.
4. Focus your smart phone's camera on the display panel of the washing machine.
5. If the smart phone's camera is focused on the display panel of the washing machine, the panel and error message is automatically recognized and the error type and countermeasures are displayed on the smart phone.
6. If the smartphone fails to recognize the error code more than twice, please enter the error code displayed on the display panel of the washer manually into the Smart Care app.

Downloading the Smart Care app

- Download the Samsung Laundry App into your mobile phone from the Android market or Apple App store. **(Search word : Samsung Smart Washer/Dryer)**



Precautions when using Smart Care

- If light from a light bulb, fluorescent bulb, or lamp is reflected on the display panel of the washing machine, the smartphone may not be able to recognize the panel or error mesage easily.
- If you hold the smartphone at too large an angle relative to the front of the display panel, it may not be able to recognize the error code. For best results, hold the smartphone so that the front of the panel and the smartphone are parallel or nearly parallel.

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washing a load of laundry

Washing clothes using the cycle selector

Your new washing machine makes washing clothes easy, using Samsung's "Fuzzy Control" automatic control system. When you select a wash program, the machine will set the correct temperature, washing time, and washing speed.

1. Turn on your sink's water tap.
2. Press the **Power** button.
3. Open the door.
4. Load the articles of clothing one at a time loosely into the drum, without overfilling it.
5. Close the door.
6. Add detergent, softener, and pre-wash detergent (if necessary) into the appropriate compartments.

Pre-wash is only available when selecting the Normal, Heavy Duty, Perm Press, Stain Away, Active Wear and Bedding PLUS cycles. It is only necessary if your clothing is heavily soiled.

7. Use the Cycle Selector to select the appropriate cycle according to the type of material: Normal, Heavy Duty, Perm Press, Sanitize, Bedding PLUS, Deep Steam, Stain Away, Active Wear, Delicates/Hand Wash, Wool, Quick Wash, Rinse+Spin, Spin Only. The relevant indicators will illuminate on the control panel.
8. At this time, you can control the wash temperature, the number of rinse cycles, the spinning speed, and the delay time by pressing the appropriate option button.
9. Press the **Start/Pause** button on the Cycle Selector and the wash will begin. The process indicator will light up and the remaining time for the cycle will appear in the display.

Pause Option

1. When the "Garment+" light is ON, you can add or remove laundry items.
2. Press the **Start/Pause** button to unlock the door.

You cannot open the door when the water is too HOT or the water level is too HIGH.

3. After closing the door, press the **Start/Pause** button to restart the wash.

USING STEAM WASH

If you select steam, the steam acts at the most effective times for the detected amount of laundry, maximizing the effect of the steam, increasing the wash temperature, enhancing the Soak effect, and improving wash performance.

1. Load the washer.
2. Press the **Power** button.
3. Turn the Cycle Selector and select a **Steam Cycle**. (The Deep Steam course automatically selects Steam.)
4. Press the **Steam** button.
5. Add detergent to the dispenser tray and add fabric softener up to the marked line.
6. Press the **Start/Pause** button.
   : The washer automatically selects the optimal wash conditions by sensing the weight of the laundry.

Steam may not necessarily be visible during the steam cycles. Steam may not be present during the entire steam wash cycle.

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DETERGENT USE

Your Washer is designed to use high efficiency (HE) detergents.

- For best cleaning results, use a high efficiency detergents such as Tide HE, Wisk HE, Cheer HE, or Gain HE*. High efficiency detergents contain suds suppressors that reduce or eliminate suds. When fewer suds are produced, the load tumbles more efficiently and cleaning is maximized.

WARNING Regular detergent is NOT recommended. Please use HE detergents only.

Reducing the amount of detergent may reduce the quality of cleaning. It is important to pre–treat stains, sort carefully by color and soil level, and avoid overloading.

* Brand names are trademarks of their respective manufacturers.

FEATURES

Automatic dispenser

Your washer has separate compartments for dispensing detergent and color-safe bleach, chlorine bleach, and fabric softener. Add all laundry additives to their respective compartments before starting your washer.

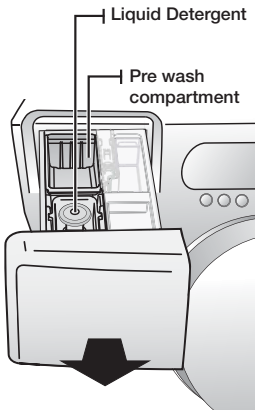
The automatic dispenser MUST ALWAYS be in place before you start your washer.

DO NOT open the automatic dispenser when your washer is running.

Usage Pointers:

- Never exceed the manufacturer's recommendations when adding detergent.
- This compartment holds liquid detergent for the main wash cycle, which the washer adds to the load at the beginning of the cycle.

Before using powdered detergent, remove the Liquid Detergent holder from the compartment. Powdered detergent will not dispense from the Liquid Detergent holder.



Detergent compartment

- Pour the recommended amount of laundry detergent directly into the detergent compartment before starting your washer.

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Pre wash compartment

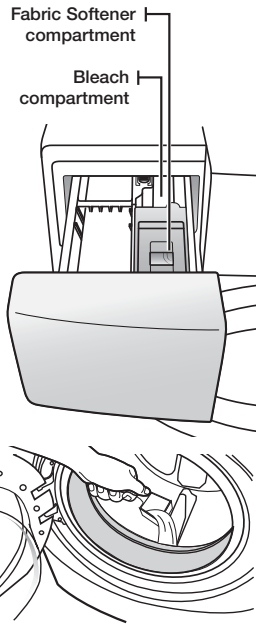
When using the Pre Wash option, add detergent to both the Pre Wash compartment and the detergent compartment. The washer will automatically dispense the detergent during Pre Wash.

- If you use a high efficiency (HE) detergent, add 1/3 of the recommended amount to the Pre Wash compartment and 2/3 of the recommended amount to the detergent compartment.

Bleach compartment

(Liquid chlorine bleach only)

1. Add chlorine bleach to the bleach compartment. DO NOT exceed the MAX FILL line.
2. Avoid splashing or over–filling the compartment.
3. Your washer automatically dispenses bleach into the tub at the appropriate time.
4. The dispenser automatically dilutes liquid chlorine bleach before it reaches the wash load.



- Never pour undiluted liquid chlorine bleach directly onto the load or into the tub. It is a powerful chemical and can cause fabric damage, such as weakening of the fibers or color loss, if not used properly.
- Oxi-type boosters or color-safe bleach can be added to the drum prior to adding laundry.
- Put the laundry into the drum only after confirming that the oxi-type boosters or color-safe bleach has completely entered the hole of the drum.
- To use powdered detergent and powder oxi-type boosters or powdered color-safe bleach at the same time, it is more effective to put them in the drum together before adding the laundry. When you use powdered detergent, remember to remove the Liquid Detergent holder from the detergent compartment.

Fabric softener compartment

1. Pour the recommended amount of liquid fabric softener into the softener compartment. For smaller loads, use less than one capful.
2. Dilute the fabric softener with water until it reaches MAX FILL in the compartment.
3. The dispenser automatically releases liquid fabric softener at the proper time during the rinse cycle.

- Use the softener compartment ONLY for liquid fabric softeners.
- DO NOT use a Downy Ball* in the Fabric softener compartment of this washer. It will not be added at the appropriate time.
  Use the detergent compartment.

* Brand names are trademarks of their respective manufacturers.

If you overfill the detergent, bleach, or softener compartments, the contents of the compartment will automatically be released into the washer. This could damage any garments that are in the drum.

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maintaining your washer

CLEANING THE EXTERIOR

Turn off the water faucets after finishing the day's washing.

This will shut off the water supply to your washer and prevent the unlikely possibility of damage from escaping water. Leave the door open to allow the inside of your washer to dry out.

Use a soft cloth to wipe up all detergent, bleach or other spills as they occur.

Clean the following as recommended below:

Control Panel – Clean with a soft, damp cloth. Do not use abrasive powders or cleaning pads. Do not spray cleaners directly on the panel.

Cabinet – Clean with soap and water.

CLEANING THE INTERIOR

Clean the interior of your washer periodically to remove any dirt, soil, odor, mold, mildew, or bacterial residue that may remain in your washer as a result of washing clothes.

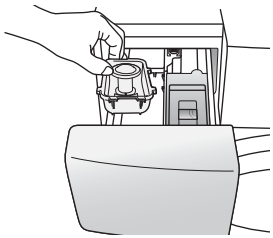
Failure to follow these instructions may result in unpleasant conditions, including odors and/or permanent stains on your washer or laundry.

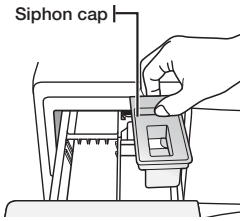
Hard water deposits may be removed, if needed. Use a cleaner labeled "Washer safe".

CLEANING THE DISPENSERS

You may need to clean the automatic dispenser periodically to remove laundry additive buildup.

1. Pull out the Liquid Detergent holder from the detergent compartment.
2. Remove the siphon cap from the fabric softener and bleach compartments.
3. Wash all of the parts under running water.
4. Clean the dispenser recess with a soft brush.
5. Reinsert the siphon cap and push it firmly into place.
6. Push the Liquid Detergent holder back into place.
7. Run a Rinse+Spin cycle without any load in your washer.





STORING YOUR WASHER

Washers can be damaged if water is not removed from hoses and internal components before storage. Prepare your washer for storage as follows:

- Select the Quick Wash cycle and add bleach to the automatic dispenser. Run your washer through the cycle without a load.
- Turn the water faucets off and disconnect the inlet hoses.
- Unplug your washer from the electrical outlet and leave your washer door open to let air circulate inside the tumbler.
- If you store your washer in below–freezing temperatures, make sure you allow time for any leftover water in your washer to thaw before use.

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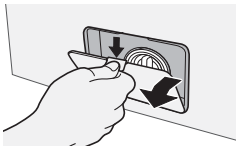
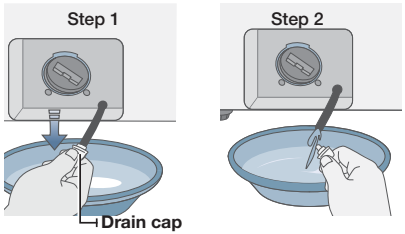
CLEANING THE DEBRIS FILTER

We recommend cleaning the debris filter when water does not drain well or the “nd” error message is displayed.

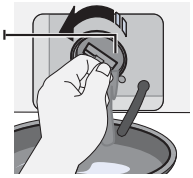
1. Open the filter cover by pressing and then pulling the handle of the filter cover with your finger.



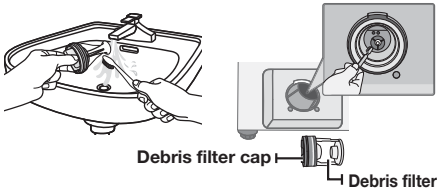
2. Holding the drain cap, pull the drain tube that is hooked on the guide hook to the front. Do not pull the drain tube with excessive force.
3. Place a bowl under the washing machine to catch any remaining water. Then, hold the drain tube with one hand, and turn the drain cap counter clockwise with the other hand to separate it from the drain tube.
4. Drain the remaining water completely.



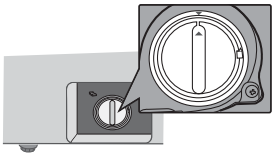
5. Turn the debris cap counterclockwise, and then pull the debris cap and debris filter assembly out of the washer.



6. Wash any dirt or other material from the debris filter. Make sure the drain pump propeller behind the debris filter is not blocked.



7. When you have finished cleaning the filter, insert the debris cap and filter assembly back into the washer. Turn the debris filter cap clockwise until the indicator on the debris filter cap is in the 12 o’clock position, pointing to the indicator on the washer.
8. Re-attach the emergency drain cap to the drain tube, and then hook the tube to the hook guide.
9. Re-install the filter cover.



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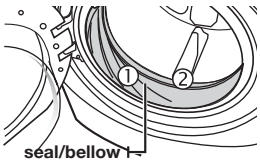
CLEANING THE DOOR SEAL/BELLOW

1. Open the washer door and remove any clothing or items from the washer.
2. Check if there are any foreign substances on the grey seal/bellows ① between the lid and the drum.
   To check this, turn the seal/bellows ② out.



3. If there are any foreign substances, remove them.
4. If you find stained areas, wipe them down using the procedure below:
   a) Carefully combine ¾ cup (177 mL) of liquid chlorine bleach with 1 gal. (3.8 L) of warm tap water.
   b) Wipe the seal/bellow area with the dilute solution using a damp cloth.
   c) Let stand 5 minutes.
   d) Wipe down the area thoroughly with a dry cloth and let the washer interior air dry with the door open.

IMPORTANT:
- Wear rubber gloves when cleaning for prolonged periods.
- Refer to the bleach manufacturer's instructions for proper use.

PRESERVING THE TOP COVER AND THE FRONT FRAME

Do not place any heavy or sharp objects or a detergent box on the washing machine. They can scratch or damage its top cover. Keep them in the pedestal (if purchased) or in a separate storage box.

Since the entire washing machine has a high-gloss finish, the surface can be scratched or damaged. Avoid scratching or damaging the surface when using the washing machine.

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maintaining your washer

PURE CYCLE™

Pure Cycle is a self-cleaning cycle that removes mold that may occur inside the washing machine.

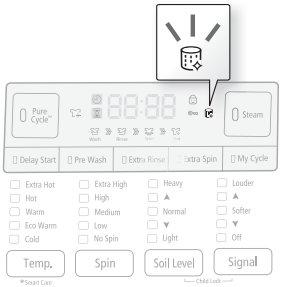
1. Press the **Power** button.
2. Press the **Pure Cycle™** button.
   - Once the Pure Cycle button is pressed, the only function that can be set is Delay Start.
3. Press the **Start/Pause** button.
   - When you press the Start/Pause button, Pure Cycle begins.

CAUTION

- Using Pure Cycle, you can clean the drum without using a cleansing agent.
- Never use Pure Cycle when laundry is in the washing machine. It may cause damage to the laundry or a problem with the washing machine.
- **If you want to use a drum cleansing agent, use only 1/10 of the amount of the drum cleansing agent recommended by the cleansing agent manufacturer.** (When using a powder-type cleansing agent , remove the liquid detergent compartment.)

The Pure Cycle Auto Indicator Function

- If the "**Pure Cycle**" button is lit after a wash, it indicates that tub (drum) cleaning is required. In this case, remove the laundry from the washing machine, turn the power on, and clean the drum by running Pure Cycle.
- If you do not run Pure Cycle, the "**Pure Cycle**" indicator turns off. However, the "**Pure Cycle**" indicator will light again after two washes. Not running Pure Cycle at this point will not cause a problem with the washing machine.
- Although the Pure Cycle Auto Indicator appears once a month or so, the frequency may differ depending on the number of times the washing machine is used.



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troubleshooting

CHECK THESE SOLUTIONS IF YOUR WASHER…

PROBLEM	SOLUTION
Will not start.	• Make sure the door is firmly closed. • Make sure your washer is plugged in. • Make sure the water source faucets are open. • Make sure to press the Start/Pause Button to start your washer. • Make sure the Child Lock is not activated. See page 24. • Before your washer starts to fill, it will make a series of clicking noises to check the door lock and do a quick drain. • Check the fuse or reset the circuit breaker
Has no water or not enough water.	• Turn both faucets on fully. • Make sure the door is tightly closed. • Straighten the water inlet hoses. • Disconnect hoses and clean the screens. Hose filter screens may be clogged. • Open and close the door, then press the Start/Pause Button.
Has detergent remains in the automatic dispenser after the wash cycle is complete.	• Make sure your washer is running with sufficient water pressure. • Make sure the Detergent Selector dial is in the upper position when using granular detergent.
Vibrates or is too noisy.	• Make sure your washer is set on a level surface. If the surface is not level, adjust your washer feet to level the appliance. • Make sure that the shipping bolts are removed. • Make sure your washer is not touching any other object. • Make sure the laundry load is balanced.
Stops	• Plug the power cord into a live electrical outlet. • Check the fuse or reset the circuit breaker. • Close the door and press the Start/Pause Button to start your washer. For your safety, your washer will not tumble or spin unless the door is closed. • Before your washer starts to fill, it will make a series of clicking noises to check the door lock and do a quick drain. • There may be a pause or soak period in the cycle. Wait and it may start. • Check the screens on the inlet hoses at the faucets for obstructions. Clean the screens periodically.

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troubleshooting

PROBLEM	SOLUTION
Fills with the wrong temperature water.	• Turn both faucets on fully. • Make sure the temperature selection is correct. • Make sure the hoses are connected to the correct faucets. Flush water lines. • Check the water heater. It should be set to deliver a minimum 120 °F (49 °C) hot water at the tap. Also check the water heater capacity and recovery rate. • Disconnect the hoses and clean the screens. The hose filter screens may be plugged. • As your washer is filling, the water temperature may change as the automatic temperature control feature checks incoming water temperature. This is normal. • While your washer is filling, you may notice just hot and/or just cold water going through the dispenser when you have selected cold or warm wash temperatures. This is a normal function of the automatic temperature control feature as your washer determines the temperature of the water.
Door locked or will not open.	• Press the Start/Pause Button to stop your washer. • Your washer door will remain locked during the heating portion of the Sanitize Cycle • It may take a few moments for the door lock mechanism to disengage.
Does not drain and/or spin.	• Check the fuse or reset the circuit breaker. • Straighten the drain hoses. Eliminate kinked hoses. If there is a drain restriction, call for service. • Close the door and press the Start/Pause Button. For your safety, your washer will not tumble or spin unless the door is closed. • Make sure the debris filter is not clogged.
Load is too wet at the end of the cycle.	• Use the High or Extra High spin speed. • Use high efficiency detergent to reduce over–sudsing. • The load is too small. Very small loads (one or two items) may become unbalanced and not spin out completely.
Leaks water.	• Make sure the door is firmly closed. • Make sure all hose connections are tight. • Make sure the end of the drain hose is correctly inserted and secured to the drainage system. • Avoid overloading. • Use high efficiency detergent to prevent over–sudsing.
Has excessive suds.	• Use high efficiency detergent to prevent over-sudsing. • Reduce the detergent amount for soft water, small or lightly soiled loads. • Non-HE detergent is NOT recommended.
Has an odor.	• Excessive suds collect in nooks and crannies and can cause foul odors. • Run cleansing cycles to sanitize the machine periodically. (Silver Care or Sanitize Cycle or Pure Cycle) • Clean the door seal (Diaphragm). • Dry the interior of your washer after the total cycle has finished.

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INFORMATION CODES

The washer may display information codes to help you better understand what is occurring with your washer.

CODE SYMBOL	MEANING	SOLUTION
dc	Unbalanced load prevented your washer from spinning.	Redistribute the load, press the Start/ Pause button.
dS	Door is open when washer is running.	Close the door tightly and restart the cycle. If the code reappears, call for service.
FL	Your washer failed to lock the door.	Close the door tightly and restart the cycle. If the code reappears, call for service.
Hr	This error code appears when the heater is 96 °C or above.	Call for service.
LE	Your washer has tried to fill, but has not reached the proper water level.	Call for service.
LE(1E)	Leak problem or Waterlevel Sensor has an abnormal reading.	Call for service.
LO	The door will not unlock.	Make sure the door is firmly closed. Press the Power button to turn off your washer, then turn it on again. If the code reappears, call for service.
nd	Your washer is not draining. It can also mean that the unit senses a small clog while draining.	Clean the drain filter. Then, clean the debris filter (See page 30). If you are in the middle of a wash you can try this first: **1.** Turn off the unit for 10 seconds and then turn it on again. **2.** Select the Spin Only cycle (See page 23). **3.** Press the Start/Pause to drain the water. If it still does not drain, call for service.
nF	Your washer has tried to fill but was unsuccessful.	Make sure the water faucets are open all the way. Check for kinked hoses. Check the inlet screens on the fill hoses. If you use a Flood Safety Device, then please remove the device and connect the water hoses directly to the unit.
	Check if the hot water supply hose is connected.	You must connect the hot water supply hose because hot water is supplied by the Auto Temperature Control (A.T.C.) function if the temperature of the cold water is lower than 59°F.

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troubleshooting

ERROR IMAGE	MEANING	SOLUTION
nF1	This error code appears when the water temperature is 50 °C or above for 8 seconds or longer in the Wool and Delicate course.	Please connect the hot/cold water hose connection correctly.
OE	Water detected over the safe water level.	Call for service
E2	Jammed key.	Call for service
tE	Temperature sensor problem.	Restart the cycle. If the code reappears, call for service.
3E	Motor problem.	Restart the cycle. If the code reappears, call for service.
AE	Communication error between SUB PBA and MAIN PBA	Call for service
SF	System error	Call for service
SUdS	Too many suds are detected during the washing session. The unit is put on hold until the suds are reduced. Then, the unit will go back into the operation. When it finishes washing, “End” and “SUdS” codes will blink in turn.	Reduce the amount of detergent you use.

For any codes not listed above, call 1–800–726–7864 (1–800–SAMSUNG)

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FABRIC CARE CHART

The following symbols provide garment care direction. The Clothing care labels include symbols for washing, bleaching, drying and ironing, or dry cleaning when necessary. The use of symbols ensures consistency among garment manufacturers of domestic and imported items. Follow care label directions to maximize garment life and reduce laundering problems.

Wash Cycle		**Special Instructions**		**Warning Symbols for Laundering**	
	Normal		Line Dry/ Hang to Dry		Do Not Wash
	Permanent Press / Wrinkle Resistant / Wrinkle Control		Drip Dry		Do Not Wring
	Gentle/Delicates		Dry Flat		Do Not Bleach
	Hand Wash	**Heat Setting**			Do Not Tumble Dry
Water Temperature**			High		No Steam (added to iron)
●●●	Hot		Medium		Do Not Iron
●●	Warm		Low	**Dryclean**	
●	Cold		Any Heat		Dry Clean
Bleach			No Heat/Air		Do Not Dry Clean
	Any Bleach (when needed)	**Iron-Dry or Steam Temperatures**			Line Dry/ Hang to Dry
	Only Non-Chlorine (color-safe) Bleach (when needed)		High		Drip Dry
	Tumble Dry Cycle		Medium		Dry Flat
Normal			Low		For machine-washable wool. Loads should be under 8 pounds.
	Permanent Press/ Wrinkle Resistant/ Wrinkle Control				
	Gentle/ Delicates				

** The dot symbols represent appropriate wash water temperatures for various items. The temperature range for Hot is 105° - 125 °F / 41° - 52 °C, for Warm 85° - 105 °F / 29° - 41 °C and for Cold 60° - 85 °F / 16° - 29 °C. (Wash water temperature must be a minimum of 60 °F / 16 °C for detergent activation and effective cleaning.) The clothes washer can not ensure these temperatures because the actual temperature of the water entering your washer is dependent on water heater settings and regional water supply temperatures. For example, cold water entering the home in the northern states during winter may be 40 °F / 4 °C which is too cold for effective cleaning. The water temperature in this situation will need to be adjusted by selecting a warm setting, adding some hot water to the MAX FILL line or using your washer's heating option, if available.

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appendix

CYCLE CHART

Use this chart to set the best cycle and option for you laundry.

(● : factory setting , ● : selectable)

Course	Functions														
	Temp.					Spin					Soil Level				
	EH	H	W	EW	C	EH	H	M	L	NS	H	▲	N	▼	L
Normal		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heavy Duty		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bedding PLUS			●	●	●			●	●	●	●	●	●	●	●
Sanitize	●					●	●	●	●	●	●	●	●	●	●
Stain Away		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Deep steam		●				●	●	●	●	●	●				
Rinse + Spin					●	●	●	●	●	●					
Quick Wash		●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wool			●	●	●				●	●			●		
Delicates/Hand Wash			●	●	●				●	●	●	●	●	●	●
Active Wear			●	●	●			●	●	●	●	●	●	●	●
Perm Press			●	●	●		●	●	●	●	●	●	●	●	●
Eco Cold					●	●	●	●	●	●			●	●	●
Pure Cycle	●								●						

Course	Options							
	Extra Rinse	Extra spin	My Cycle	Pre Wash	Delay Start	Steam	Garment+	Child Lock
Normal	●	●	●	●	●	●	●	●
Heavy Duty	●	●	●	●	●	●	●	●
Bedding PLUS	●	●	●	●	●	●	●	●
Sanitize	●	●	●	●	●	●	●	●
Stain Away	●	●	●	●	●	●	●	●
Deep steam	●	●	●	●	●	●	●	●
Rinse + Spin	●	●	●		●			●
Quick Wash	●		●		●		●	●
Wool	●		●		●		●	●
Delicates/Hand Wash	●		●		●		●	●
Active Wear	●	●	●	●	●		●	●
Perm Press	●	●	●	●	●		●	●
Eco Cold	●	●	●	●	●		●	●
Pure Cycle			●		●			●

Temp.	Spin	Soil Level
EH: Extra Hot **H:** Hot **W:** Warm **EW:** Eco Warm **C:** Cold	**EH:** Extra High **H:** High **M:** Medium **L:** Low **NS:** No Spin	**H:** Heavy ▲ **N:** Normal ▼ **L:** Light

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HELPING THE ENVIRONMENT

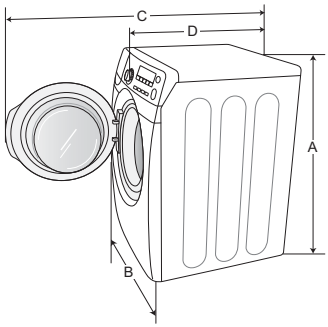
- Your washer is manufactured from recyclable materials. If you decide to dispose of it, please observe local waste disposal regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the door so that animals and small children cannot get trapped inside the appliance.
- Do not exceed the detergent quantities recommended in the detergent manufacturers' instructions.
- Use stain removal products and bleaches before the wash cycle only when necessary.
- Save water and electricity by only washing full loads (the exact amount depends upon the program used).

DECLARATION OF CONFORMITY

This appliance complies with UL2157.

SPECIFICATION

TYPE	FRONT LOADING WASHER	
DIMENSIONS	Div	Inches (cm)
	A. Height-Overall	38.7" (98.4)
	B. Width	27" (68.6)
	C. Depth with door open 90°	51.7" (131.4)
	D. Depth	32.3" (82.0)



WATER PRESSURE		20-116 psi(137-800 kPa)	
WEIGHT		88 kg (194 lb)	
HEATER RATING		900 W	
POWER CONSUMPTION	WASHING	120 V	250 W
	WASHING AND HEATING	120 V	1100 W
	SPIN	120 V	600 W
	DRAIN	120 V	80/32 W
SPIN REVOLUTION		1200 rpm	

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warranty (U.S.A)

SAMSUNG WASHER
LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of: One (1) year part and labor, Two (2) years Control Board Parts, Three (3) years stainless tub part, Ten (10) years washing motor part

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. SAMSUNG will provide in-home service during the warranty period at no charge, subject to availability within the contiguous United States. In-home service is not available in all areas.

To receive in-home service, product must be unobstructed and accessible to the service agent. If service is not available, SAMSUNG may elect to provide transportation of the product to and from an authorized service center.

SAMSUNG will repair, replace, or refund this product at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following: damage that occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning, or other acts of nature or God; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG that damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal and reinstallation; problems caused by pest infestations. This limited warranty does not cover problems resulting from incorrect electric current, voltage or supply, light bulbs, house fuses, house wiring, cost of a service call for instructions, or fixing installation errors. SAMSUNG does not warrant uninterrupted or error-free operation of the product.

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NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE, OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary from state to state.

To obtain warranty service, please contact SAMSUNG at:
Samsung Electronics America, Inc.
85 Challenger Road Ridgefield Park, NJ 07660
1-800-SAMSUNG (726-7864)
www.samsung.com

Visits by a Service Engineer to explain functions, maintenance or installation is not covered by warranty. Please contact your Samsung call agent for help with any of these issues.

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warranty(CANADA)

SAMSUNG WASHER
LIMITED WARRANTY TO ORIGINAL PURCHASER

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One (1) year part and labor, Ten (10) years washing motor part

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the Canada. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. SAMSUNG will provide in-home service during the warranty period at no charge, subject to availability within the Canada. In-home service is not available in all areas.

To receive in-home service, product must be unobstructed and accessible to the service agent. If service is not available, SAMSUNG may elect to provide transportation of the product to and from an authorized service center.

SAMSUNG will repair, replace, or refund this product at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following: damage that occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning, or other acts of nature or God; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG that damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal and reinstallation; problems caused by pest infestations. This limited warranty does not cover problems resulting from incorrect electric current, voltage or supply, light bulbs, house fuses, house wiring, cost of a service call for instructions, or fixing installation errors. SAMSUNG does not warrant uninterrupted or error-free operation of the product.

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NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE, OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary from province to province.

To obtain warranty service, please contact SAMSUNG at:
Samsung Electronics Canada Inc.,
Customer Service 55 Standish Court Mississauga, Ontario L5R 4B2 Canada
1-800-SAMSUNG (726-7864)
www.samsung.com/ca
www.samsung.com/ca_fr (French)

Visits by a Service Engineer to explain functions, maintenance or installation is not covered by warranty. Please contact your Samsung call agent for help with any of these issues.

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QUESTIONS OR COMMENTS?

Country	CALL	OR VISIT US ONLINE AT
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com
MEXICO	01-800-SAMSUNG (726-7864)	www.samsung.com
CANADA	1-800-SAMSUNG (726-7864)	www.samsung.com/ca www.samsung.com/ca_fr (French)

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